

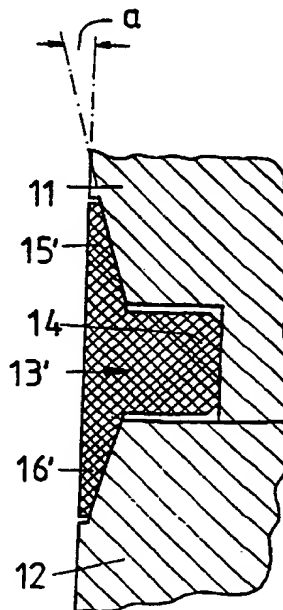


## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<b>(21) International Application Number:</b> PCT/NO00/00017 <b>(22) International Filing Date:</b> 26 January 2000 (26.01.00)  <b>(30) Priority Data:</b> 19990388      28 January 1999 (28.01.99)      NO  <b>(71) Applicant (for all designated States except US):</b> DEN NORSKE METALLPAKNINGSFABRIKK AS [NO/NO]; Skuteviksvei 30, N-5035 Bergen (NO).  <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> HJERTHOLM, Ole [NO/NO]; Lepsøyeneset, N-5228 Lepsøy (NO).  <b>(74) Agent:</b> AS BERGEN PATENTKONTOR; C. Sundtsgt. 36, N-5004 Bergen (NO).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>In English translation (filed in Norwegian).</i>

**(54) Title:** SEALING ARRANGEMENT**(57) Abstract**

There is referred to a sealing arrangement (10, 10') comprising two armature members (11, 12), which are adapted to receive a sealing ring (13, 13') between them for sealing off a joint between the armature members (11, 12), and a clamping device (30), which during mounting is adapted to clamp the armature members (11, 12) against each other in a direction towards the intermediate sealing ring (13, 13'), where the sealing ring (13, 13') has a substantially T-shaped annular cross-section, with a stem (14) extending radially outwards and with a sealing face (15a, 15b) facing radially outwards in each of two sealing wings (15, 16) projecting axially outwards in opposite directions from stem (14) of the T-shape, the sealing wings (15, 16) having mutually equivalent forms and equivalent conical sealing faces (15a, 16a) for forming abutments against their respective conical support faces (21, 25) of each of the armature members (11, 12). The sealing arrangement is characterised in that the sealing wings (15, 16) of the sealing ring (13, 13') are elastically deformable, and that the sealing ring (13, 13') is supported, during use, in a radial direction in the armature members (11, 12) via three axially separated, annular faces (21, 22, 25) facing radially correspondingly, the sealing wings (15, 16) forming, during use, both slidable seals and slidable thrusts against a respective conical, combined sealing and slide face (21, 25) of each of the armature members (11, 12), while stem (14) of the sealing ring (13, 13') has, during use, a certain degree of fit in an axial direction and is adapted to be supported with a slide fit against an associated armature member via a middle, combined support and slide face (22) at the outer end of the stem (14) of the T-shape.



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